| 7-1 | 4.161 | -24 | 10 | ance | 1/12 | | | - 1 | | | | |
|-------------|----------------------|---|------------------|---------------------------|------------------------------|------------------|----------|-------------------|------------------------|----------|---------------------|--|
| Γ | ance (| 1d / | | | Α | pplication | or D | ocket Num | ber | | | |
| | PATENT | APPLICATIO Effect | N FEE D | | | ON RECO | RD | | 19 | 9/ | 9725 | |
| | | | MALL E | NTITY | OR | OTHER SMALL | | | | | | |
| TO | OTAL CLAIMS | | | | | | Γ | RATE | FEE | 1 | RATE | FEE |
| FC |)R | | NUMBER | NUMBER FILED NUMBER EXTRA | | | В | ASIC FEI | 355.00 | OR | BASIC FEE | 710.00 |
| ТС | TAL CHARGEA | BLE CLAIMS | 22 minus 20= * 2 | | | | | X\$ 9= | | OR | X\$18= | 36 |
| INE | DEPENDENT CL | AIMS 2 | 6 minus 3 = * 4 | | | | | X40= | | OR | X80= | 320 |
| ML | JLTIPLE DEPEN | IDENT CLAIM PI | RESENT | | | | | +135= | | OR | +270= | |
| * If | the difference | in column 1 is | less than z | ero, ente | r "0" in c | olumn 2 | Ļ | TOTAL | | OR | TOTAL | 11/2/10 |
| 7 | /31/01C | LAIMS AS A | MENDE |) - PAR | T II | NE | | | t | . | OTHER | THAN |
| | 1 2901 | (Column 1) CLAIMS | | (Colu | | (Column 3) | ; | SMALL | ENTITY | OR | SMALL | |
| ENT A | | REMAINING AFTER AMENDMENT | | NUM PREVI | IBER | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| | Total | .22 | Minus | " J | <u>a</u> | = | | X\$ 9- | | OR | X\$18= | |
| AMENDMENT | Independent | . 6 | Minus | *** | 6_ | | | X40= | | OR | X80= | |
| L | FIRST PRESE | NTATION OF MI | JETIPLE DE | PENDEN | ΓCLΑπ Μ | | | +135= | | OR | +270= | |
| ゴ | 1 (0 12 2 | | | 1/6 | • | | L | TOTAL | | OR | TOTAL | |
| | 1910 - | Column 1) | l | (Colu | mn 2) | (Column 3) | AL | ODIT. FEE | L | | ADDIT. FEE | |
| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | | NUM PREVI | HEST IBER OUSLY FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| NDM | Total | .22 | Minus | " a | 12 | = | | X\$ 9= | | OR | X\$18= | |
| AME | Independent | NTATION OF MI | Minus | *** | 6 FCLAIM | <u> </u> = | | X40= | | OR | X80= | |
| ┞ | TINOT PRESE | INTATION OF MIC | | FENDEN | · | | ' [| +135= | | OR | +270= | |
| | | | | N | // | | AD. | TOTAL | | OR | TOTAL ADDIT. FEE | |
| <u> </u> | | (Column 1) | | (Coly | | (Column 3) | | | | | | |
| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | PREVI | HEST IBER OUSLY FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| § | Total | .27 | Minus | ** | | = | | X\$ 9= | | OR | X\$18= | |
| ME | Independent | . 6 | Minus | *** | | = | ╽┝ | X40= | | 1 | X80= | |
| بال | FIRST PRESE | NTATION OF M | JLTIPLE DE | PENDEN [*] | T CLAIM | | I ├─ | | | OR | | · |
| | If the entry in colu | mn 1 is less than th | ne entry in col | umn 2. write | e "0" in col | lumn 3. | Ľ | +135= | | OR | +270= | |
| " | If the "Highest Nu | mber Previously Pa imber Previously Pa | aid For" IN TH | IS SPACE | is less tha | n 20, enter "20. | " AD | TOTAL DIT. FEE | | OR | TOTAL ADDIT. FEE | |
| | | nber Previously Pai | | | | | er found | I in the ap | propriate bo | x in col | lumn 1. | |

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

| CLAIMS AS FILED - PART I | | | | | | | | SMALL ENTITY | | | OTHER THAN | |
|---|----------------------|--|-----------------|--------------------|---------------------------------|------------------|----------|---------------------|------------------------|-------|-----------------------|------------------------|
| (Column 1) | | | | (Colui | (Column 2) TYPE | | | | OR | SMALL | ENTITY | |
| ÓΤ | TAL CLAIMS | | | | | | Γ | RATE | FEE | | RATE | FEE |
| FOI | 3 | | NUMBER F | ILED | NUMB | ER EXTRA | E | BASIC FEE | 355.00 | OR | BASIC FEE | 710.00 |
| TOTAL CHARGEABLE CLAIMS minus 20= | | | | | | | | X\$ 9= | | OR | X\$18= | |
| INDEPENDENT CLAIMS minus 3 = * | | | | | | | | X40= | | OR | X80= | |
| MU | LTIPLE DEPEN | DENT CLAIM PF | | | | +135= | | OR | +270= | | | |
| * If | the difference | in column 1 is l | r "0" in c | olumn 🏻 | L | TOTAL | | OR | TOTAL | | | |
| CLAIMS AS AMENDED - PART (Column 1) (Column | | | | | | (Column 3) | | SMALL E | ENTITY | OR | OTHER SMALL I | |
| ENT A | E | CLAIMS REMAINING AFTER AMENDMENT | | NUM PREVI | HEST IBER OUSLY FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| AMENDMENT | Total | . 54 | Minus | 6 | 5 | | X\$ 9 | X\$ 9= | | OR | X\$18= | 6 |
| AME | Independent | * 15 NTATION OF MI | Minus | *** | 5 TGLAIM | = | | X40= | | OR | X80= | |
| | FIRST PRESE | NTATION OF MIC | JETIPLE DEF | EINDEIN | CLAIM | | 1 | +135= | | OR | +270= | |
| | | | | | | | L | TOTAL DDIT. FEE | | OR | TOTAL ADDIT. FEE | |
| | | (Column 1) | | | mn 2) | (Column 3) | _ | | | | | |
| ENT B | 1 | CLAIMS REMAINING AFTER AMENDMENT | | NUN PREVI | HEST MBER OUSLY FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| AMENDMENT | Total | 50 | Minus | 6 | 5 | = | | X\$ 9= | | OR | X\$18= | |
| AME | Independent | . 14 | Minus | *** / | 1. <u>5</u> | = | | X40= | | OR | X80= | |
| L | FIRST PRESE | NTATION OF MI | JUIPLE DEI | PENDEN | CLAIM | <u> </u> | , [| +135= | | OR | +270= | |
| | | | * | | | | L A | TOTAL ADDIT. FEE | | OR | TOTAL ADDIT. FEE | |
| | | (Column 1) | | (Colu | ımn 2) | (Column 3) | | | | | | |
| AMENDMENT® | 6 | CLAIMS REMAINING AFTER AMENDMENT | | HIG NUM PREV | HEST MBER IOUSLY D FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | PATE | ADDI- TIONAL FEE |
| MON | Total | . 39 | Minus | " E | 55 | = | | X\$ 9= | | OR | X\$18= | |
| AME | Independent | . 14 | Minus | *** | 15 | | | X40= | - | OR | X80= | |
| Ľ | FIRST PRESE | NTATION OF M | ULTIPLE DE | PENDEN | IT CLAIN | | ┛┞ | +135= | | OR | +270= | |
| | If the entry in colu | mn 1 is less than t | he entry in col | umn 2, wri | te "0" in co | olumn 3. | L | TOTAL | | ł | TOTAL | |
| | If the "Highest Nu | mber Previously P Imber Previously P Inber Previously Pa | aid For" IN TH | IS SPACE | is less th | an 3, enter "3." | | DDIT. FEE | propriate ho | OR | ADDIT. FEE dumn 1. | <u> </u> |

PTO/SB/06 (08-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond

| | PATE | NT APPLI | | N FEE DETE | RECORD | TOTTI UTIL | | tient o Doeker N | | | | |
|---|--|----------------------|-------------|----------------------------------|------------------|------------|--------------------|------------------------|-------------|--------------------|------------------------|--|
| | | CLAIMS AS | FILED | – PART I | | SMALL | ENTITY | OR | | R THAN . ENTITY | | |
| FOR NUMBER FILED NUMBER EXTRA | | | | | | l | RATE | FEE | 1 | RATE | 555 | |
| BASIC FEE (37 CFR 1.16(a)) | | | | | | 1 | | \$ | 1 | NATE | FEE | |
| TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = * | | | | | 1 | | | OR | | \$ | | |
| INDEPENDENT CLAIMS | | | | | ┨ | = | | OR | X \$= | | | |
| (37 CFR 1.16(b)) minus 3 = • MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | | | | | - | X \$= | | OR | X \$= | | |
| | | | | 37 CFR 1.16(d)) | _ | + \$= | | OR | + \$= | | | |
| * If | the difference in col | lumn 1 is less th | an zero, e | nter "0" in column | | TOTAL | | OR | TOTAL | Ĺ | | |
| ん | 12) YIKI | AIMS AS AM | ENDED | – PART II | | | | | | | | |
| | In P. | (Column 1) | | (Column 2) | (Column 3) | | SMALL I | ENTITY | OR | | RTHAN | |
| 4: | I | CLAIMS REMAINING | 1 | HIGHEST | DDECENT | 7 | | <u> </u> | 1 | SMALL | ENTITY | |
| | M | AFTER AMENDMENT | | NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL | |
| | Total (37 CFR 1.16(c)) | . J.Z | Minus | "65 | = | | X\$ = | | | -X-2 = | FEE | |
| AMENDMENT | Independent (37 CFR 1.16(b)) | . 9 | Minus | " 15 | - | 11 | | | OR | | | |
| AM | FIRST PRESENTAL | TION OF MULTIPL | E DEPEND | ENT CLAIM (27 CL | ED 4 46(40) | 1 | X \$= | | OR | = | | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | | + \$ = TOTAL | | OR | + \$ = TOTAL | | |
| (| 1/27/04 | ł | | | | | ADD'L FEE | | OR | ADD'L FEE | | |
| | 101/ | (Column 1) CLAIMS | | (Column 2) | (Column 3) | , , | | | | | | |
| A | 1 | REMAINING AFTER | | HIGHEST NUMBER | PRESENT | | RATE | ADDI- | | RATE | ADDI- | |
| Ë | | AMENDMENT | | PREVIOUSLY PAID FOR | EXTRA | | | TIONAL FEE | | | TIONAL FEE | |
| AMENDMENT # | Total (37 CFR 1.16(c)) | 12 | Minus | (05 | *// | | x \$ = | | OR | x \$= | | |
| Ē | Independent (37 CFR 1.18(b)) | | Minus | ₁ 5 | | | x s= | | OR | x \$ = | | |
| Ā | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | | + \$= | | OR | + \$ = | | |
| | | | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | | |
| | | (Column 1) | | (Column 2) | (Column 3) | | • | | | | | |
| С | | CLAIMS REMAINING | | HIGHEST NUMBER | PRESENT |] [| DATE | 4501 | | | | |
| AMENDMENT | | AFTER AMENDMENT | | PREVIOUSLY PAID FOR | EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| M | Total * (37 CFR 1.16(c)) | • | Minus | ** | = | | x \$= | | OR | x \$ = | 100 | |
| Ē | Independent (37 CFR 1.18(b)) | • | Minus | *** | = | | x \$ = | | OR OR | x \$= | | |
| ₹ | FIRST PRESENTAT | | + \$_ = | | OR OR | | | | | | | |
| | | | · | | L | TOTAL | | | + \$= | | | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. | | | | | | | | | | | | |
| ** | ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". | | | | | | | | | | | |

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

| CLAIMS AS FILED - PART I (Column 1) (Column 2) | | | | | | | | SMALL ENTITY TYPE | | | OTHER SMALL | |
|--|--|--|------------------|----------------------|------------------------------|-------------------|-----------------|-------------------|------------------------|---------|---|------------------------|
| то | TAL CLAIMS | | | | | ļ | RA | Έ | FEE | | RATE | FEE |
| FO | R | | NUMBER F | NUMBER FILED N | | NUMBER EXTRA | | FEE | 355.00 | OR | BASIC FEE | 710.00 |
| то | TAL CHARGEA | BLE CLAIMS | min | minus 20= * | | | X\$ | 9= | | OR | X\$18= | |
| IND | EPENDENT CL | AIMS | mii | ninus 3 = * | | | X40 |)= | | OR | X80= | |
| ΜU | LTIPLE DEPEN | DENT CLAIM PF | RESENT | | | | | 5= | | OR | +270= | |
| * If | the difference | in column 1 is | less than ze | ro, ente | r "0" in c | olumn þ | ТОТ | AL | | OR | TOTAL | |
| | C | LAIMS AS A | MENDED | | SMA | AT I | ENTITY | OR | OTHER SMALL | | | |
| | _ | (Column 1) CLAIMS | 1 | (Colu HiGI | | (Column 3) | J | | ADDI- | J, . | | ADDI- |
| AMENDMENT A | A | REMAINING AFTER AMENDMENT | | NUM PREVI PAID | IBER OUSLY | PRESENT EXTRA | RA | ΓE | TIONAL FEE | | RATE | TIONAL FEE |
| | Total | . 1 | Minus | ** | | = | X\$ | 9= | | OR | X\$18= | |
| | Independent | * | Minus | *** | T OL ALLA | = | X40 |)= | | OR | X80= | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIR | | | | I CLAIM | | +13 | 5= | | OR | +270= | | |
| | | | | | | | | OTAL | | OR | TOTAL ADDIT. FEE | |
| | | (Column 1) | | (Colu | mn 2) | (Column 3) | ADDIT. | 1 | | • | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| AMENDMENT B | B | CLAIMS REMAINING AFTER AMENDMENT | | HIGI NUN PREVI | HEST MBER OUSLY FOR | PRESENT EXTRA | RA ⁻ | ΓE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| MOZ | Total | * | Minus | ** | | = | X\$ | 9= | | OR | X\$18= | |
| ME | Independent | * | Minus | *** | | = | X40 |)= | | OR | X80= | |
| | FIRST PRESE | NTATION OF M | ULTIPLE DE | PENDEN | T CLAIM | | +13 | 5= | | OR | +270= | |
| | | | ~ | | | | T | OTAL | | OR | TOTAL | |
| | • | (Column 1) | | (Colu | ımn 2) _ | (Column 3) | ADDIT. | FEE | | 1 - ' ' | ADDIT. FEE | |
| | | (Column 1) CLAIMS | , , , | | HEST | (Column 3) | 1 — | | ADDI | 1 | | ADDI- |
| AMENDMENT C | | REMAINING AFTER AMENDMENT | | NUN PREV | MBER IOUSLY FOR | PRESENT EXTRA | RA | ΓE | ADDI- TIONAL FEE | | RATE | TIONAL |
| DME | Total | * | Minus | ** | | = | X\$ | 9= | | OR | X\$18= | |
| MEN | Independent | * | Minus | *** | | = | |)= | | OR | V00 | |
| | FIRST PRESE | NTATION OF M | ULTIPLE DE | PENDEN | IT CLAIM | 1 |] | | | 1 | 0.70 | |
| | | , | ha antes i | | to "O" : | olumn ? | +13 | | | OR | | |
| • •• | If the "Highest Nu | ımn 1 is less than t ımber Previously P | aid For" IN TH | IS SPACE | is less th | an 20, enter "20. | ADDIT. | OTAL FEE | | OR | TOTAL ADDIT. FEE | <u></u> |
| ترا | "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | | | | | | |